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Docket No. GJE-87
Serial No. 10/081,599In the Claims

This listing of claims will replace all prior versions and listings of claims in this application.

1 (Currently amended). An artificial chromosome comprising [[a]] the 1.3 kb polynucleotide sequence from position 5885 to 7185 between C δ and C γ 3 of the human IgH locus, wherein said polynucleotide sequence exerts regulatory control on immunoglobulin gene activation during lymphoid development.

2 (Original). The chromosome according to claim 1, selected from the group consisting of bacterial, yeast, eukaryotic and mammalian chromosomes.

3 (Previously presented). The chromosome according to claim 1, which includes a polynucleotide sequence encoding a transcription-binding factor.

4 (Original). The chromosome according to claim 1, including 1, 2, or 3 repeat sequences.

5 – 14 (Cancelled).

15 (Previously presented). The artificial chromosome, according to claim 1, which comprises C δ and C γ 3.

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